

**Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges
and the number of recipient institutions, by State and type of activity:
fiscal year 2001**

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State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellow- ships, trainee- ships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	\$22,488,219	\$19,384,726	\$400,961	\$67,743	\$842,315	\$331,904	\$1,460,570
Number of institutions	1,191	880	304	191	569	257	704
Alabama:							
Obligations (thousands)	\$370,085	\$311,538	\$12,963	\$1,735	\$13,042	\$4,531	\$26,276
Number of institutions	28	15	5	4	14	6	17
Alaska:							
Obligations (thousands)	\$92,254	\$72,694	\$99	\$1,289	\$2,925	\$5,592	\$9,655
Number of institutions	6	5	1	1	4	1	3
Arizona:							
Obligations (thousands)	\$264,117	\$226,765	\$1,338	\$1,661	\$13,501	\$1,062	\$19,790
Number of institutions	10	6	4	6	4	2	9
Arkansas:							
Obligations (thousands)	\$93,522	\$68,234	\$4,254	\$102	\$6,365	\$305	\$14,262
Number of institutions	12	8	4	2	8	1	8
California:							
Obligations (thousands)	\$3,013,126	\$2,693,881	\$81,858	\$2,103	\$106,899	\$40,646	\$87,739
Number of institutions	93	65	30	17	52	25	56
Colorado:							
Obligations (thousands)	\$617,840	\$476,803	\$40,699	\$124	\$19,972	\$16,034	\$64,208
Number of institutions	15	12	7	3	6	4	12
Connecticut:							
Obligations (thousands)	\$391,557	\$360,442	\$967	\$317	\$19,698	\$2,025	\$8,108
Number of institutions	14	11	3	1	9	2	5
Delaware:							
Obligations (thousands)	\$55,632	\$44,173	\$0	\$290	\$3,557	\$1,671	\$5,941
Number of institutions	4	3	0	1	4	2	3
District of Columbia:							
Obligations (thousands)	\$220,365	\$204,379	\$715	\$0	\$7,039	\$1,800	\$6,432
Number of institutions	9	8	1	0	6	3	7
Florida:							
Obligations (thousands)	\$548,591	\$483,123	\$2,615	\$575	\$17,156	\$18,243	\$26,879
Number of institutions	32	26	5	3	15	10	20
Georgia:							
Obligations (thousands)	\$500,630	\$398,573	\$5,879	\$2,133	\$16,364	\$7,568	\$70,113
Number of institutions	34	32	7	4	15	8	19
Hawaii:							
Obligations (thousands)	\$122,112	\$101,153	\$988	\$0	\$5,669	\$8,996	\$5,306
Number of institutions	4	4	2	0	3	2	3
Idaho:							
Obligations (thousands)	\$40,459	\$27,900	\$1,996	\$100	\$2,046	\$1	\$8,416
Number of institutions	3	3	2	1	3	1	3
Illinois:							
Obligations (thousands)	\$827,094	\$713,052	\$39,463	\$541	\$33,652	\$9,541	\$30,845
Number of institutions	43	30	11	5	18	9	21
Indiana:							
Obligations (thousands)	\$303,392	\$267,126	\$4,821	\$334	\$8,410	\$1,908	\$20,793
Number of institutions	20	15	7	3	7	2	9
Iowa:							
Obligations (thousands)	\$281,689	\$234,135	\$3,462	\$544	\$11,993	\$2,182	\$29,373
Number of institutions	21	12	7	5	5	4	11
Kansas:							
Obligations (thousands)	\$148,759	\$126,346	\$2,012	\$71	\$6,752	\$346	\$13,232
Number of institutions	9	7	3	3	6	1	7

See explanatory information, if any, and SOURCE at end of table.

**Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges
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State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellow- ships, trainee- ships, and training grants	General support for S&E	Other S&E activities
Kentucky:							
Obligations (thousands)	\$166,094	\$136,101	\$818	\$282	\$5,940	\$484	\$22,469
Number of institutions	17	13	4	3	8	2	9
Louisiana:							
Obligations (thousands)	\$173,134	\$144,601	\$1,322	\$253	\$4,619	\$4,821	\$17,518
Number of institutions	16	14	4	2	8	6	9
Maine:							
Obligations (thousands)	\$40,624	\$27,491	\$2,362	\$1,093	\$2,444	\$583	\$6,651
Number of institutions	12	8	6	3	6	3	6
Maryland:							
Obligations (thousands)	\$1,319,192	\$1,122,508	\$4,333	\$946	\$37,752	\$24,028	\$129,625
Number of institutions	30	24	5	4	15	8	20
Massachusetts:							
Obligations (thousands)	\$1,220,024	\$1,072,966	\$33,104	\$16,500	\$48,958	\$10,202	\$38,294
Number of institutions	45	37	10	1	21	8	27
Michigan:							
Obligations (thousands)	\$685,093	\$606,597	\$8,485	\$1,000	\$27,530	\$7,668	\$33,813
Number of institutions	26	20	12	8	11	4	16
Minnesota:							
Obligations (thousands)	\$325,252	\$277,441	\$5,209	\$877	\$12,263	\$3,419	\$26,043
Number of institutions	25	13	5	7	11	2	14
Mississippi:							
Obligations (thousands)	\$171,877	\$127,392	\$140	\$285	\$4,688	\$4,063	\$35,309
Number of institutions	17	13	1	4	10	5	9
Missouri:							
Obligations (thousands)	\$507,625	\$439,070	\$18,733	\$227	\$22,286	\$2,278	\$25,031
Number of institutions	22	16	4	3	12	2	13
Montana:							
Obligations (thousands)	\$84,592	\$64,636	\$397	\$103	\$3,022	\$347	\$16,087
Number of institutions	16	11	2	2	12	3	14
Nebraska:							
Obligations (thousands)	\$108,199	\$86,662	\$3,542	\$35	\$4,036	\$146	\$13,778
Number of institutions	9	6	2	1	8	2	6
Nevada:							
Obligations (thousands)	\$66,853	\$57,590	\$2,381	\$46	\$1,342	\$237	\$5,257
Number of institutions	5	5	2	1	2	1	3
New Hampshire:							
Obligations (thousands)	\$137,920	\$118,743	\$707	\$504	\$3,774	\$811	\$13,381
Number of institutions	6	5	3	2	3	3	3
New Jersey:							
Obligations (thousands)	\$333,912	\$290,759	\$7,246	\$674	\$11,324	\$1,129	\$22,780
Number of institutions	25	18	8	4	10	4	14
New Mexico:							
Obligations (thousands)	\$179,660	\$136,866	\$3,215	\$0	\$5,079	\$4,766	\$29,734
Number of institutions	12	6	2	0	7	3	10
New York:							
Obligations (thousands)	\$1,819,007	\$1,580,912	\$33,375	\$16,604	\$63,093	\$55,872	\$69,151
Number of institutions	109	88	21	16	48	28	57
North Carolina:							
Obligations (thousands)	\$871,764	\$766,285	\$3,434	\$1,629	\$40,359	\$9,093	\$50,964
Number of institutions	28	23	7	3	17	9	23
North Dakota:							
Obligations (thousands)	\$50,258	\$35,275	\$88	\$985	\$3,910	\$240	\$9,760
Number of institutions	10	5	2	2	7	3	9

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Ohio:							
Obligations (thousands)	\$620,116	\$542,781	\$5,184	\$3,013	\$19,500	\$4,362	\$45,276
Number of institutions	40	27	15	9	15	7	21
Oklahoma:							
Obligations (thousands)	\$109,822	\$80,105	\$458	\$548	\$5,382	\$3,062	\$20,267
Number of institutions	16	11	2	3	7	3	9
Oregon:							
Obligations (thousands)	\$292,746	\$251,112	\$7,033	\$917	\$10,560	\$4,997	\$18,127
Number of institutions	18	13	7	4	5	3	10
Pennsylvania:							
Obligations (thousands)	\$1,331,904	\$1,239,390	\$4,536	\$382	\$44,762	\$4,332	\$38,502
Number of institutions	61	42	21	9	23	6	29
Rhode Island:							
Obligations (thousands)	\$104,458	\$92,988	\$549	\$117	\$3,861	\$1,792	\$5,151
Number of institutions	5	5	2	1	2	1	3
South Carolina:							
Obligations (thousands)	\$176,428	\$144,460	\$1,820	\$1,457	\$4,821	\$3,864	\$20,006
Number of institutions	24	13	3	4	7	6	18
South Dakota:							
Obligations (thousands)	\$32,833	\$22,503	\$87	\$58	\$1,423	\$0	\$8,762
Number of institutions	11	10	2	1	9	0	9
Tennessee:							
Obligations (thousands)	\$341,926	\$287,048	\$638	\$99	\$20,942	\$6,918	\$26,281
Number of institutions	26	18	5	3	12	7	13
Texas:							
Obligations (thousands)	\$1,364,940	\$1,147,752	\$33,402	\$4,561	\$45,398	\$14,833	\$118,994
Number of institutions	72	55	18	7	36	15	41
Utah:							
Obligations (thousands)	\$207,726	\$189,282	\$722	\$158	\$6,381	\$823	\$10,360
Number of institutions	6	3	2	2	3	1	6
Vermont:							
Obligations (thousands)	\$76,913	\$69,034	\$123	\$104	\$2,606	\$402	\$4,644
Number of institutions	9	6	1	1	2	2	3
Virginia:							
Obligations (thousands)	\$418,541	\$356,664	\$2,453	\$1,245	\$17,875	\$4,146	\$36,158
Number of institutions	29	25	10	6	13	7	16
Washington:							
Obligations (thousands)	\$608,782	\$535,764	\$2,377	\$254	\$30,727	\$12,549	\$27,111
Number of institutions	22	16	4	4	7	3	14
West Virginia:							
Obligations (thousands)	\$62,315	\$41,471	\$2,785	\$50	\$1,825	\$414	\$15,770
Number of institutions	12	7	4	1	3	2	8
Wisconsin:							
Obligations (thousands)	\$448,810	\$392,093	\$5,161	\$494	\$17,462	\$5,954	\$27,646
Number of institutions	29	19	5	7	16	4	16
Wyoming:							
Obligations (thousands)	\$36,879	\$32,058	\$110	\$13	\$2,283	\$0	\$2,415
Number of institutions	2	2	1	1	1	0	1
American Samoa:							
Obligations (thousands)	\$1,167	\$522	\$0	\$0	\$0	\$0	\$645
Number of institutions	1	1	0	0	0	0	1
Guam:							
Obligations (thousands)	\$3,813	\$1,777	\$0	\$50	\$250	\$788	\$948
Number of institutions	1	1	0	1	1	1	1

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Puerto Rico:							
Obligations (thousands)	\$89,058	\$52,648	\$503	\$81	\$8,540	\$10,030	\$17,256
Number of institutions	17	16	3	1	11	10	7
Trust Territory of the Pacific Islands:							
Obligations (thousands)	\$3,216	\$1,374	\$0	\$0	\$0	\$0	\$1,842
Number of institutions	2	2	0	0	0	0	2
Virgin Islands:							
Obligations (thousands)	\$3,522	\$1,688	\$0	\$180	\$258	\$0	\$1,396
Number of institutions	1	1	0	1	1	0	1

¹ See Technical Notes, "Changes in Reporting."

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2001